

Rabbit anti-Human Bmf Polyclonal Antibody | anti-Bmf antibody

Bmf Antibody

CATALOG # AAA304030	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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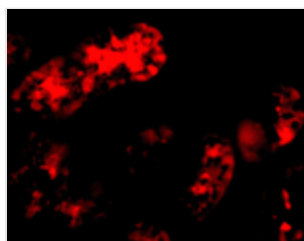
PRODUCT SYNONYMS

Bmf; Polyclonal Antibody; Bmf Antibody; anti-Bmf antibody

PRODUCT SPECIFICATIONS

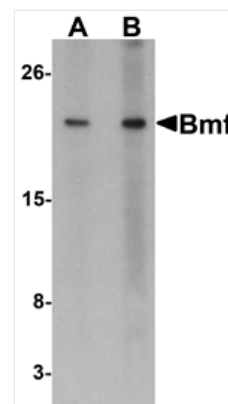
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	184
Applicable Applications for anti-Bmf antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Bmf antibody was raised with a synthetic peptide corresponding to 14 amino acids near the carboxy terminus of human Bmf.
Target Name	Bmf
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)

Immunofluorescence of Bmf in human kidney tissue with Bmf antibody at 10 ug/mL.



WB (Western Blot)

Western blot analysis of Bmf expression in HepG2 cell lysate with Bmf antibody at (A) 2.5 and (B) 5 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-Bmf antibody	Apoptosis is related to many diseases and development. Members in the Bcl-2 family are critical regulators of apoptosis by either inhibiting or promoting cell death. Bcl-2 homology 3 (BH3) domain is a potent death domain. BH3-only proteins, including Bad, Bid, Bik, Hrk, Bim, Noxa, and PUMA, form a growing subclass of the Bcl-2 family. A novel BH3-only protein was recently identified in human and mouse and designated Bmf (for Bcl-2-modifying factor). The BH3 domain in Bmf is required both for binding to Bcl-2 proteins and for triggering apoptosis. In healthy cells, Bmf associates with the dynein light chain 2 (DLC2) component of the myosin V motors and is sequestered by the cell's actin cytoskeleton. Disruption of the actin cytoskeleton, either by depolymerization of actin filaments or by detachment of cells from the extracellular matrix, triggers release and activation of Bmf, initiating the downstream apoptotic program. Bmf is constitutively expressed in many tissues.
Product Categories/Family for anti-Bmf antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	15723378
NCBI GeneID	90427
NCBI Accession #	NP_277038
NCBI GenBank Nucleotide #	NM_033503.3
Molecular Weight	14,150 Da
NCBI Official Full Name	bcl-2-modifying factor isoform bmf-1
NCBI Official Synonym Full Names	Bcl2 modifying factor
NCBI Official Symbol	BMF
NCBI Protein Information	bcl-2-modifying factor
UniProt Protein Name	Bcl-2-modifying factor
UniProt Gene Name	BMF
UniProt Entry Name	BMF_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.